Patent Claims

1.   Powder formulations consisting of

5   -   at least one agrochemical active compound,

         -    at least one biodegradable hydroxyl-containing polyester, if appropriate in a mixture with one or more further biodegradable polymers, and,

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         -    if appropriate, additives

and which have a particle diameter of under 125 μm.

15   2.   Powder formulations according to Claim 1, characterized in that the polyester present is at least one hydroxyl-containing terephthalate acid polyester.

3.   Powder formulations according to Claim 1, characterized in that the agrochemical active compounds present are imidacloprid and/or carpropamid.

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4.   Powder formulations according to Claim 1, characterized in that

         -    the content of agrochemical active compounds amounts to between 1 and 50% by weight,

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         -    the content of hydroxyl-containing polyesters, if appropriate in a mixture with additional polymers, amounts to between 50 and 99% by weight, and

30   -   the additive content amounts to between 0 and 30% by weight.

5.   Process for the preparation of powder formulations as claimed in Claim 1, characterized in that a mixture of

    -     at least one agrochemical active compound,

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    -     at least one biodegradable hydroxyl-containing polyester, if appropriate in a mixture with one or more further biodegradable polymers, and,

10   -   if appropriate, additives

    is homogenized at temperatures of between 50°C and 180°C in the melt and

    the mixture is comminuted after cooling in such a way as to obtain a powder

15   in which the particles have a diameter under 125 μm.

6.   The use of powder formulations according to Claim 1 for applying the agrochemical active compounds present to plants and/or their environment.

20 7.   Process for the preparation of plant treatment compositions, characterized in that powder formulations according to Claim 1 are mixed with extenders and/or surfactants.

8.   Plant treatment composition, characterized in that it contains a powder

25   formulation according to Claim 1 in addition to extenders and/or surfactants.